

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L9	20	8 and absolute near6 (code track grating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/18 14:28
L8	41	(US-20050088667-\$ or US-20050072016-\$ or US-20050006571-\$ or US-20040227066-\$ or US-20040245442-\$ or US-20040129870-\$ or US-20040046113-\$ or US-20030052260-\$ or US-20010017349-\$).did. or (US-6914235-\$ or US-6867412-\$ or US-6742275-\$ or US-6794637-\$ or US-6664535-\$ or US-6472658-\$ or US-6541761-\$ or US-6452159-\$ or US-6392224-\$ or US-6429940-\$ or US-6031224-\$ or US-6175414-\$ or US-6029118-\$ or US-5841133-\$ or US-5977539-\$ or US-5651187-\$ or US-5438193-\$ or US-5825307-\$ or US-5260568-\$ or US-5235181-\$ or US-5279044-\$ or US-5115573-\$ or US-5010655-\$ or US-4519140-\$ or US-4999623-\$ or US-4363964-\$).did. or (US-4793067-\$ or US-6590201-\$ or US-4691101-\$ or US-6355927-\$ or US-5844814-\$ or US-6816091-\$).did.	US-PGPUB; USPAT	OR	ON	2006/04/18 14:26
L7	4239	L3 L4 L5 L6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/18 14:26
L6	1277	(250/237g).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/18 14:26
L5	255	(356/616,617).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/18 14:26

## EAST Search History

L4	1226	(341/11,13).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/18 14:26
L3	2198	(250/231.13,231.14,231.16). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/18 14:26
L2	125	L1 and compar\$5 with ("in-phase" phase\$8)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/18 12:02
L1	989	(250/231.16-231.18).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/18 12:02
S75	191	S74 and compar\$5 same ("in-phase" phase)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/17 16:49
S84	8	S81 and compar\$5 with phase\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/17 16:42
S83	12	S81 and (compar\$5 interpolat\$5) with phase\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/17 16:42
S82	31	S81 and (compar\$5 interpolat\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/17 16:28

## EAST Search History

S81	41	(US-20050088667-\$ or US-20050072016-\$ or US-20050006571-\$ or US-20040227066-\$ or US-20040245442-\$ or US-20040129870-\$ or US-20040046113-\$ or US-20030052260-\$ or US-20010017349-\$).did. or (US-6914235-\$ or US-6867412-\$ or US-6742275-\$ or US-6794637-\$ or US-6664535-\$ or US-6472658-\$ or US-6541761-\$ or US-6452159-\$ or US-6392224-\$ or US-6429940-\$ or US-6031224-\$ or US-6175414-\$ or US-6029118-\$ or US-5841133-\$ or US-5977539-\$ or US-5651187-\$ or US-5438193-\$ or US-5825307-\$ or US-5260568-\$ or US-5235181-\$ or US-5279044-\$ or US-5115573-\$ or US-5010655-\$ or US-4519140-\$ or US-4999623-\$ or US-4363964-\$).did. or (US-4793067-\$ or US-6590201-\$ or US-4691101-\$ or US-6355927-\$ or US-5844814-\$ or US-6816091-\$).did.	US-PGPUB; USPAT	OR	ON	2006/04/17 15:47
S80	9	("3675238"   "4691101"   "4904861"   "5554945"   "5844814"   "5907298"   "6191415"   "6255866"   "6355927").PN. OR ("6816091"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/17 15:28
S79	9	S78 and compar\$4 same phase\$5	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/17 15:27
S78	38	("3757128"   "4259570"   "4266125"   "4271364"   "4451731").PN. OR ("4691101"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/17 15:09
S77	8	S76 and compar\$4 and phase	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/17 15:09
S76	8	("4259570"   "4263506"   "4266125"   "4654525"   "4691101"   "4751383"   "4904861"   "4912322").PN. OR ("6590201").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/17 15:04

## EAST Search History

S74	988	(250/231.16-231.18).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/17 14:25
S63	2197	(250/231.13,231.14,231.16). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/17 14:25
S73	234	S67 and compar\$4 same phas\$4 same reference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/14 17:55
S72	115	S67 and compar\$4 with phas\$4 and array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/14 17:55
S68	346	S67 and compar\$4 with phas\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/14 17:43
S71	0	S69 and compar\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/14 17:35
S70	0	S69 and compar\$4 with phas\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/14 17:35
S69	1	("20020008195").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 17:35
S61	1	S59 and compar\$4 with phas\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/14 17:35
S67	4238	S63 S64 S65 S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/14 17:34

## EAST Search History

S66	1277	(250/237g).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/14 17:33
S65	255	(356/616,617).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/14 17:33
S64	1226	(341/11,13).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/14 17:33
S43	241	(356/616,617).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 17:33
S42	918	(341/11,13).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 17:33
S33	1615	(250/231.13,231.14,231.16). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 17:33
S62	1	S59 and compar\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/14 17:32

## EAST Search History

S60	36	(US-20050006571-\$ or US-20050088667-\$ or US-20040129870-\$ or US-20030052260-\$ or US-20040046113-\$ or US-20040245442-\$ or US-20050072016-\$ or US-20010017349-\$ or US-20040227066-\$).did. or (US-6664535-\$ or US-6867412-\$ or US-5010655-\$ or US-6029118-\$ or US-6914235-\$ or US-5115573-\$ or US-6794637-\$ or US-6452159-\$ or US-5977539-\$ or US-4519140-\$ or US-4999623-\$ or US-4363964-\$ or US-6175414-\$ or US-5279044-\$ or US-6392224-\$ or US-5825307-\$ or US-5235181-\$ or US-5841133-\$ or US-6742275-\$ or US-4793067-\$ or US-6429940-\$ or US-6541761-\$ or US-5438193-\$ or US-6472658-\$ or US-5260568-\$ or US-5651187-\$).did. or (US-6031224-\$).did.	US-PGPUB; USPAT	OR	ON	2006/04/14 17:32
S59	1	("20020011559").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 14:31
S1	1	("5841133").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 14:31